Attorney Docket No.: 00P9128US

IN THE CLAIMS:

This listing of the claims will replace all prior versions and listings of the claims in the application:

1. (Currently Amended) A method for frequency selection in a frequency hopping cordless telephone system employing a predetermined frame length, comprising:

identifying active slots in a frame; and

determining a duration of carrier usage based on durations of numbers of said active slots.

2. (Currently Amended) A method in accordance with claim 1, said predetermined frame length ~~comprising~~ having a duration about ten milliseconds.

3. (Currently Amended) A method in accordance with claim 2, said slots comprising transmit and receive slots each having a duration of 833 microseconds.

4. (Original) A method in accordance with claim 3, further comprising limiting a use of a particular carrier to less than 400 milliseconds every thirty seconds.

5. (Currently Amended) A system for frequency selection in a frequency hopping cordless telephone system employing a predetermined frame length, comprising:

means for identifying active slots in a frame; and

means for determining a duration of carrier usage based on durations of numbers of said active slots.

6. (Currently Amended) A system in accordance with claim 5, said

predetermined frame length ~~comprising~~ having a duration about ten milliseconds.

7. (Currently Amended) A system in accordance with claim 6, said slots comprising transmit and receive slots each having a duration of 833 microseconds.

8. (Original) A system in accordance with claim 7, further comprising limiting a use of a particular carrier to less than 400 milliseconds every thirty seconds.

9. (Currently Amended) A device for frequency selection in a frequency hopping cordless telephone employing a predetermined frame length, comprising:

a slot monitoring module adapted to identify active slots in a frame; and

a frequency selection module adapted to determine a duration of carrier usage based on durations of numbers of said active slots.

10. (Currently Amended) A device in accordance with claim 9, said predetermined frame length ~~comprising~~ having a duration about ten milliseconds.

11. (Currently Amended) A device in accordance with claim 10, said slots comprising transmit and receive slots each having a duration of 833 microseconds.

12. (Previously Presented) A method for frequency selection in a frequency hopping cordless telephone system employing a predetermined frame length, comprising:

identifying a number of active slots in a frame; and

determining a duration of carrier usage based on total durations of said number of active slots.

13. (Currently Amended) A method in accordance with claim 12, said

predetermined frame length ~~comprising~~ having a duration about ten milliseconds.

14. (Currently Amended) A method in accordance with claim 13, said slots comprising transmit and receive slots each having a duration of 833 microseconds.

15. (Previously Presented) A method in accordance with claim 14, further comprising limiting a use of a particular carrier to less than 400 milliseconds every thirty seconds.

16. (Currently Amended) A cordless telephone system, comprising:

a fixed station including a frequency select module and a slot monitor module; and

a mobile station;

wherein the fixed station and the mobile station communicate according to a frequency hopping scheme with frequencies chosen by said frequency select module with input from said slot monitor module, said slot monitor module providing said frequency select module with a count of a number of active slots being sent per frame.

17. (Currently Amended) A cordless telephone system in accordance with claim 16, wherein a frame length of said frame ~~comprises~~ has a duration about ten milliseconds.

18. (Currently Amended) A cordless telephone system in accordance with claim 17, said slots comprising transmit and receive slots each having a duration of 833 microseconds.

19. (Previously Presented) A cordless telephone system in accordance with

claim 18, further comprising limiting a use of a particular carrier to less than 400 milliseconds every thirty seconds.

20. (New) A cordless telephone system in accordance with claim 16, wherein a duration a carrier frequency is used is based on a duration of said number of active slots.